

**Set Name Query**

side by side

**Hit Count Set Name**

result set

*DB=USPT,PGPB,JPAB,EPAB,DWPI; PLUR=YES; OP=OR*

<u>L8</u>	(capsule or encapsulated or microcapsule) same (hercofloc or bina adj quat or reten or gafquat or gaffix or veriscol or quadramer or acrylidone or gantrez)	63	<u>L8</u>
<u>L7</u>	(capsule or encapsulated or microcapsule) adj5 (polysaccharide or starch or dry adj flo) and (hercofloc or bina adj quat or reten or gafquat or gaffix or veriscol or quadramer or acrylidone or gantrez)	11	<u>L7</u>
<u>L6</u>	L5 and (keratin or mascara or eyelash or hair)	18	<u>L6</u>
<u>L5</u>	(capsule or encapsulated or microcapsule) same (gelatin or starch or dry adj flo) and (hercofloc or bina adj quat or reten or gafquat or gaffix or veriscol or quadramer or acrylidone or gantrez)	117	<u>L5</u>
<u>L4</u>	(capsule or encapsulated or microcapsule) same (gelatin or starch or dry adj flo) and (methacrylic or methacrylate or methacrylamide or hercofloc or bina adj quat or reten or gafquat or gaffix or veriscol or quadramer or acrylidone or gantrez)	5563	<u>L4</u>
<u>L3</u>	L2 and (methacrylic or methacrylate or methacrylamide or hercofloc or bina adj quat or reten or gafquat or gaffix or veriscol or quadramer or acrylidone or gantrez)	17	<u>L3</u>
<u>L2</u>	hair same (style or styling or shaping or waving or fixing) and (capsule or encapsulated or microcapsule) same (starch or dry adj flo or liposome)	82	<u>L2</u>
<u>L1</u>	hair same (style or styling or shaping or waving or fixing) same (capsule or encapsulated or microcapsule)	36	<u>L1</u>

END OF SEARCH HISTORY

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L1: Entry 30 of 36

File: DWPI

Dec 26, 2002

DERWENT-ACC-NO: 2003-326348

DERWENT-WEEK: 200331

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TITLE: Hair-gel composition

INVENTOR: CHOI, H C; PARK, H S ; RANG, M J

PATENT-ASSIGNEE:

ASSIGNEE

CODE

LG HOUSEHOLD &amp; HEALTH CARE LTD

GLDS

PRIORITY-DATA: 2001KR-0033489 (June 14, 2001)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
KR 2002095334 A	December 26, 2002		000	A61K007/09

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
KR2002095334A	June 14, 2001	2001KR-0033489	

INT-CL (IPC): A61 K 7/09

ABSTRACTED-PUB-NO: KR2002095334A

BASIC-ABSTRACT:

NOVELTY - A hair styling composition containing capsulated fragrances is provided which gives out pleasant smell when coated on hair initially and whenever the wind is blown or hair is combed as time passes by.

DETAILED DESCRIPTION - The hair gel composition comprises hair styling product containing micro capsulated fragrance of 0.01-80  $\mu$ m size, wherein the micro capsule is prepared by mixing 1-50wt.% of fragrance and 1-50wt.% of emulsifier and emulsifying them with distilled water at high speed, and then adding 0.01-10wt.% of initiator and 1-96wt.% of melamine or urethane monomer and agitating and polymerizing at 30-100 deg. C.

CHOSEN-DRAWING: Dwg.0/0

TITLE-TERMS: HAIR GEL COMPOSITION

DERWENT-CLASS: A96 D21

CPI-CODES: A02-A00A; A05-B01; A05-G01E; A10-D; A12-V04A; D08-B03;

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C2003-084695



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L1: Entry 34 of 36

File: DWPI

Jun 10, 1996

DERWENT-ACC-NO: 1996-391342

DERWENT-WEEK: 199639

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TITLE: Aq. based polyvinyl pyrrolidone-silicone encapsulated prods. - useful in hair and skin care prods. esp. conditioning shampoos, for antiperspirant cream styling lotion or facial cleanser for low tackiness

PATENT-ASSIGNEE:

ASSIGNEE

INT SPECIALTY PROD

KOPOLOW S L

CODE

ITSPN

KOPOI

PRIORITY-DATA: 1996RD-0386019 (May 20, 1996)

PATENT-FAMILY:

PUB-NO

PUB-DATE

LANGUAGE

PAGES

MAIN-IPC

RD 386019 A

June 10, 1996

003

A61K000/00

APPLICATION-DATA:

PUB-NO

APPL-DATE

APPL-NO

DESCRIPTOR

RD 386019A

May 20, 1996

1996RD-0386019

INT-CL (IPC): A61 K 0/00

ABSTRACTED-PUB-NO: RD 386019A

BASIC-ABSTRACT:

Aq based PVP/silicone encapsulate prods. contain high mol. wt. silicones.

USE -In skin and hair care prods. esp. conditioning shampoos, antiperspirants, bath oils, lotions/gels, shaving creams, pomades etc..

ADVANTAGE - High mol. wt. silicones and has low tack.

CHOSEN-DRAWING: Dwg.0/0

TITLE-TERMS: AQUEOUS BASED POLYVINYL PYRROLIDONE SILICONE ENCAPSULATE PRODUCT USEFUL HAIR SKIN CARE PRODUCT CONDITION SHAMPOO ANTIPERSPIRANT CREAM STYLE LOTION FACE CLEAN LOW TACKIFIER

DERWENT-CLASS: A14 A26 A96 D21

CPI-CODES: A04-D05A; A06-A00E3; A12-V04A; A12-V04C; A12-W05; D08-B03; D08-B09A; D08-B09B;

UNLINKED-DERWENT-REGISTRY-NUMBERS: 1514U

ENHANCED-POLYMER-INDEXING:

Polymer Index [1.1] 018 ; G0635 G0022 D01 D12 D10 D23 D22 D31 D41 D51 D53 D58 D75 D86 F71 ; H0000 ; S9999 S1423 S1401 Polymer Index [1.2] 018 ; P1445\*R F81 Si 4A ; S9999 S1412 S1401 ; S9999 S1423 S1401 ; S9999 S1376 Polymer Index [1.3] 018 ; G0635 G0022 D01 D12 D10 D23 D22 D31 D41 D51 D53 D58 D75 D86 F71 ; G0464 G0453 G0260 G0022 D01 D12 D10 D26 D51 D53 F70 D11 D50 D90 F16 Cl 7A F93 ; H0022 H0011 ; S9999 S1423 S1401 ; P0088 Polymer Index [1.4] 018 ; ND01 ; Q9999 Q7523 ; K9483\*R ; K9574 K9483 ;

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L1: Entry 35 of 36

File: DWPI

May 8, 1978

DERWENT-ACC-NO: 1978-43196A

DERWENT-WEEK: 197824

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TITLE: Hair permanent waving agent - comprising dispersion of acid-contg.  
microcapsules in soln. of alkaline reducing agent

PATENT-ASSIGNEE:

ASSIGNEE

CODE

MATSUSHITA ELECTRIC WORKS LTD

MATW

PRIORITY-DATA: 1976JP-0124089 (October 15, 1976)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
JP 53050343 A	May 8, 1978		000	

INT-CL (IPC): A61K 7/09

ABSTRACTED-PUB-NO: JP 53050343A

BASIC-ABSTRACT:

~~Hair treating agent~~ comprises a dispersion obtd. by dispersing microcapsules contg. an acidic substance in a soln. of an alkaline reducing agent and can be so applied that the hair is first treated with the alkaline reducing agent and then the microcapsules adhering to the hair are broken to neutralise the alkaline reducing agent with the acidic substance.

The agent can be used for permanent waving. The hair is adjusted to pH 4.5-5.5 and the reducing agent is oxidised by oxygen in the air or opt. by an oxidising agent included in the microcapsules. Thus, damage to the hair is prevented.

TITLE-TE RMS: HAIR PERMANENT WAVE AGENT COMPRISE DISPERSE ACID CONTAIN MICROCAPSULE SOLUTION ALKALINE REDUCE AGENT

DERWENT-CLASS: A96 D21

CPI-CODES: A12-V04; D08-B05;

POLYMER-MULTIPUNCH-CODES-AND-KEY-SERIALS:

Key Serials: 0231 2761 2847 0409 0411 0789 2006 2007

Multipunch Codes: 011 04- 074 075 076 62& 688 728 011 034 04- 066 067 074 075 076  
231 244 245 27& 62& 728